

[54] **MOTOR VEHICLE SIMULATOR WITH
MULTIPLE IMAGES**

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358/104; 364/578

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[57] **ABSTRACT**

The driver training simulator system of the present invention includes a visual display system and a student station. The student station has simulated automotive control elements such as a steering wheel, brake pedal, accelerator pedal, etc. The visual display system includes an arrangement for presenting images to the student, for example it may include a motion picture projector and an associated display screen. The images which are presented to the student include a plurality of separate sections. Each of the separate sections of the image is recorded by a separate camera. One of the sections of the image presented to the student is a conventional front looking "driver point of view" image, that is, the image that a driver would see looking through his front windshield. Another section of the images consists of images that were recorded by one or more cameras which were facing rearward. The student is therefore simultaneously presented with a forward looking "driver point of view image" and with one or more images representing what one would see looking toward the rear of the vehicle. Since these different views were independently filmed, they can be independently edited and arranged to produce the optimum pedagogical effect.

4 Claims, 3 Drawing Sheets

